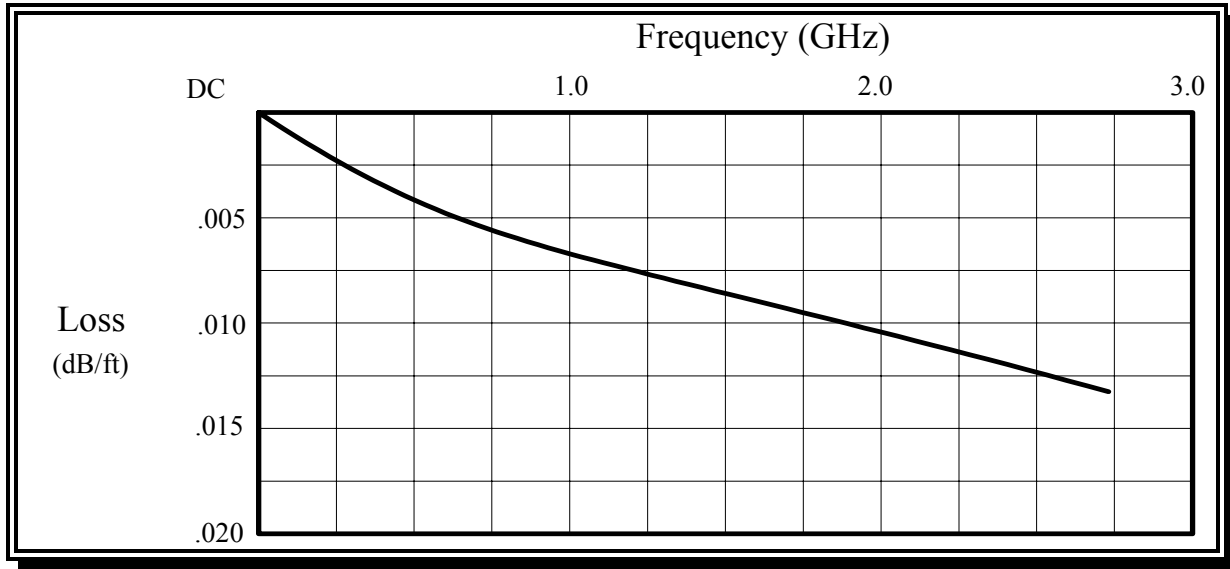
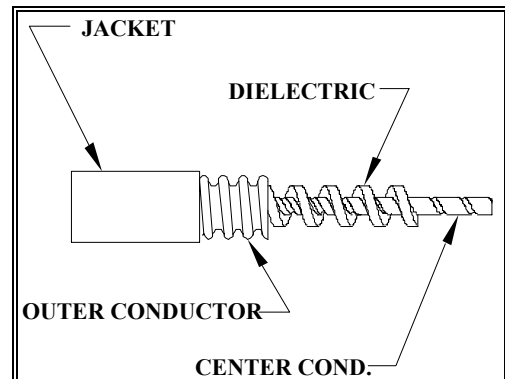


**S752 Flexible Coaxial Cable**  
**2.75 GHz Cable**  
**Frequency vs. Attenuation**



Frequency (GHz)	Typical Insertion Loss (dB/ft)	Typical Connector Loss (dB)	Typical VSWR	Average Power @ 40°C (kW)
0.03	0.0011	0.005	1.20:1	28.0
0.4	0.0042	0.02	1.25:1	7.5
1.0	0.0069	0.02	1.35:1	4.6
2.0	0.0099	0.03	1.35:1	3.1
2.74	0.0110	0.04	1.40:1	2.7



**Electrical Characteristics:**

Nominal Impedance: 50Ω  
 Velocity of Propagation: 95 %  
 Effective Dielectric Constant: 1.11  
 Time Delay: 1.07 ns/ft  
 Shielding Effectiveness: -90 dBc min.  
 Dielectric Withstanding Voltage: 8.0 KV  
 (@ 60 Hz, Sea Level/25°C)  
 Nominal Capacitance: 22.5 pF/ft  
 Maximum Frequency: 2.74 GHz

**Physical Characteristics:**

Center Conductor: Corrugated copper tube  
 Dielectric: Air with spiral wound polyethylene  
 Outer Conductor: Seamless, corrugated copper  
 1.830" O.D. nominal  
 Jacket Type: Polyethylene (Black)  
 Jacketed O.D.: 1.996" O.D. nominal  
 Minimum Internal Bend Radius: 20.0 inches  
 Operating Temperature: -55°C to +80°C  
 Weight per foot: 0.864 lbs.